SOIL TEST REPORT

	SOIL TESTING LAB	NDSU DEPT 768 Pr	80 P.O. BOX none: (701) 2	X 6050 FARG	GO, ND 58108	-6050			
To: ERIN GAUGLER Copy 7465 88TH ST SW To:					Lab No.: 3954 County: South Dakota County Agent:				
LEMMON	SD 5	7638					Date Sampled: 11/3/2019 Date Received: 11/20/2019		
Sample Notes: Date Reported: 11/27/2019									
Section: 28 T: 131 R: 90 SOIL TEST H							Acr	res: 80	
Sample pH Number 0-6"	Nitrogen Organi N03-N Matte lb/acre % 0-6" 0-24" 2-4' 0-6"	r P K ppm ppm	Soluble Salts mmhos/c 0-6" -24"	Zn	Iron Fe Mn ppm ppm 0-6" 0-6"	Copper Cu ppm 0-6"	Sulfur SO4-S lb/acre 0-6"0-24"	Chloride Cl lb/acre 0-6" 0-24"	
1 7.6	4 2.9	4 201	0.27	0.5	25.3	0.4	8	10.4	
SOIL TEST LEVELS									
Very Low (Response)			Low Medi (Likely Response) (Possible			· · · · · · · · · · · · · · · · · · ·			
pH PHOSPHORUS POTASSIUM	The Soil in this fiel PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	PPPPPP		KKKKKKKKKKK	KKKKKKKKKK	KKKKKKK	KKKKKKKKK	KKKKKKKKK++	

RECOMMENDATIONS AND COMMENTS

For a 3 ton/acre goal of Grass (new seeding), apply:

95 lbs of P2O5 per acre 0 lbs of K2O per acre

Soil organic matter and clay content affect the performance of several herbicides. The organic matter level given above can be used as a guide in selecting herbicides and herbicide rates.

Apply 10 lbs of nitrogen per acre at seeding time.

If your soil has less than 2 ppm iron, 1 ppm manganese or 0.2 ppm copper it may be deficient in these nutrients. Since we do not have field response data from North Dakota on these nutrients we can not make a fertilizer recommendation.

SOIL TESTING METHODS

pH in water; NO3-N (lb/acre) extracted with water; OM (%) by ignition; P=Phosphorus; P(ppm) by Olson procedure; K(ppm) by 1N ammonium acetate; soluble salts (EC-mmhos/cm) in 1:1 soil:water; Zn, Fe, Mn, and Cu by DTPA; SO4-S (lb/acre) extracted with 500 ppm P as monobasic calcium phosphate; Cl (lb/acre) extracted with .01M Ca(NO3)2; Ca, Mg, Na by 1N ammonium acetate; NH4-N (ppm); CEC=Cation Exchange Capacity; CCE= % CaCO3 Equivalent; SAR= Sodium Absorption Ratio.